



County of Moore Department of Public Safety Fire Marshal's Office

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Fire Sprinkler/Standpipe Submittal Requirements

In accordance with section 105.7 of the North Carolina Fire Prevention Code, a permit is required for installation or modification to automatic fire extinguishing and standpipe systems and related equipment.

The following information must be submitted to and be approved by the Moore County Fire Marshal's Office prior to any installation per section 901.2 of the North Carolina Fire Prevention Code:

1. A completed Moore County Fire Marshal's Office permit application.
2. A scaled and detailed floor plan with the system designer indicated and the date of design.
3. The designer's North Carolina Fire Sprinkler License number and NICET Level must be clearly indicated on the plans.
4. The square footage of each riser's protection area and clear notations of any non-sprinklered areas must be identified.
5. Description and specification for all the systems components including pipe sizes and sprinkler heads.
6. Hydraulic calculations for the system. This shall include hydraulic calculations for any modification to a previously hydraulically calculated system.
7. Type of system being installed. (ex. Class I Standpipe, NFPA 13 Wet-pipe Sprinkler, etc.)
8. Fire Department Connection (FDC) location. The FDC must be National Standard Thread (NST) pattern and within 100 feet of a public fire hydrant, as a fire apparatus would normally lay supply hose.
9. Standpipe hose thread patterns must be National Standard 2 ½ and National Standard 1 ½. The protection zone is a maximum of 120 feet from the standpipe hose connection as measured around any obstructions.
10. A scaled site plan must be included indicating the FDC location and all on-site fire hydrants. The building and all fire apparatus access roadways must also be indicated.

Codes used in the review: North Carolina Fire Prevention Code
North Carolina Building Code
Applicable NFPA

Additional information may be required prior to approval of the submitted plans. The above requested information is not all-inclusive.

- **Please contact the Moore County Code Enforcement Office (910) 947-2221 for additional permit requirements.**

Statement of Compliance

Section 901.2.1 of the North Carolina State Fire Prevention Code states the following:

“Before requesting final approval of the installation, where required by the Code Official, the installing contractor shall furnish a written statement to the Code Official that the subject fire protection system has been installed in accordance with approved plans and has been tested in accordance with the manufacturer's specifications and the appropriate installation standard. Any deviation from the design standards shall be noted and copies of the approvals for such deviations shall be attached to the written statement.”

The above reference Statement of Compliance shall be furnished to the Fire Marshal's Office upon request for a final inspection of any fire protection system installation or modification. This Statement of Compliance shall be on the installing company's letterhead with the project name and address clearly indicated along with the type of fire protection system installed. The installer shall print their name and sign their name to this Statement of compliance.

Additional certifications or information may be required at the final inspection, such as aboveground and belowground test certificates for sprinkler and standpipe systems and record of completion forms for fire alarm systems.